



US00D489278S

(12) **United States Design Patent** (10) **Patent No.:** **US D489,278 S**
Rittmann (45) **Date of Patent:** **** May 4, 2004**

(54) **CURRENT SENSOR HOUSING**

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(73) Assignee: **Functional Devices, Inc.**, Russiaville, IN (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/176,097**

(22) Filed: **Feb. 18, 2003**

(51) **LOC (7) Cl.** **10-04**

(52) **U.S. Cl.** **D10/78**

(58) **Field of Search** D10/78; 324/110, 324/107, 115, 117, 142, 157

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Primary Examiner—Antoine Duval Davis

(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

(57) **CLAIM**

The ornamental design for a current sensor housing, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electrical current sensor, showing a first embodiment of the new design.

FIG. 2 is a top plan view of the electrical current sensor of FIG. 1.

FIG. 3 is a side view of the electrical current sensor from the bottom of FIG. 2.

FIG. 4 is a side view of the electrical current sensor from the right of FIG. 2.

FIG. 5 is a side view of the electrical current sensor from the left of FIG. 2.

FIG. 6 is a side view of the electrical current sensor from the top of FIG. 2.

FIG. 7 is a bottom plan view of the electrical current sensor of FIG. 2.

FIG. 8 is a perspective view of an electrical current sensor, showing a second embodiment of the new design.

FIG. 9 is a top plan view of the electrical current sensor of FIG. 8.

FIG. 10 is a side view of the electrical current sensor from the bottom of FIG. 9.

FIG. 11 is a side view of the electrical current sensor from the right of FIG. 9.

FIG. 12 is a side view of the electrical current sensor from the left of FIG. 9.

FIG. 13 is a side view of the electrical current sensor from the top of FIG. 9.

FIG. 14 is a bottom plan view of the electrical current sensor of FIG. 9.

FIG. 15 is a perspective view of an electrical current sensor, showing a third embodiment of the new design.

FIG. 16 is a top plan view of the electrical current sensor of FIG. 15.

FIG. 17 is a side view of the electrical current sensor from the bottom of FIG. 16.

FIG. 18 is a side view of the electrical current sensor from the right of FIG. 16.

FIG. 19 is a side view of the electrical current sensor from the top of FIG. 16.

FIG. 20 is a side view of the electrical current sensor from the top of FIG. 16.

FIG. 21 is a bottom plan view of the electrical current sensor of FIG. 16.

FIG. 22 is a perspective view of an electrical current sensor, showing a fourth embodiment of the new design.

FIG. 23 is a top plan view of the electrical current sensor of FIG. 22.

FIG. 24 is a side view of the electrical current sensor from the bottom of FIG. 22.

FIG. 25 is a side view of the electrical current sensor from the right of FIG. 22.

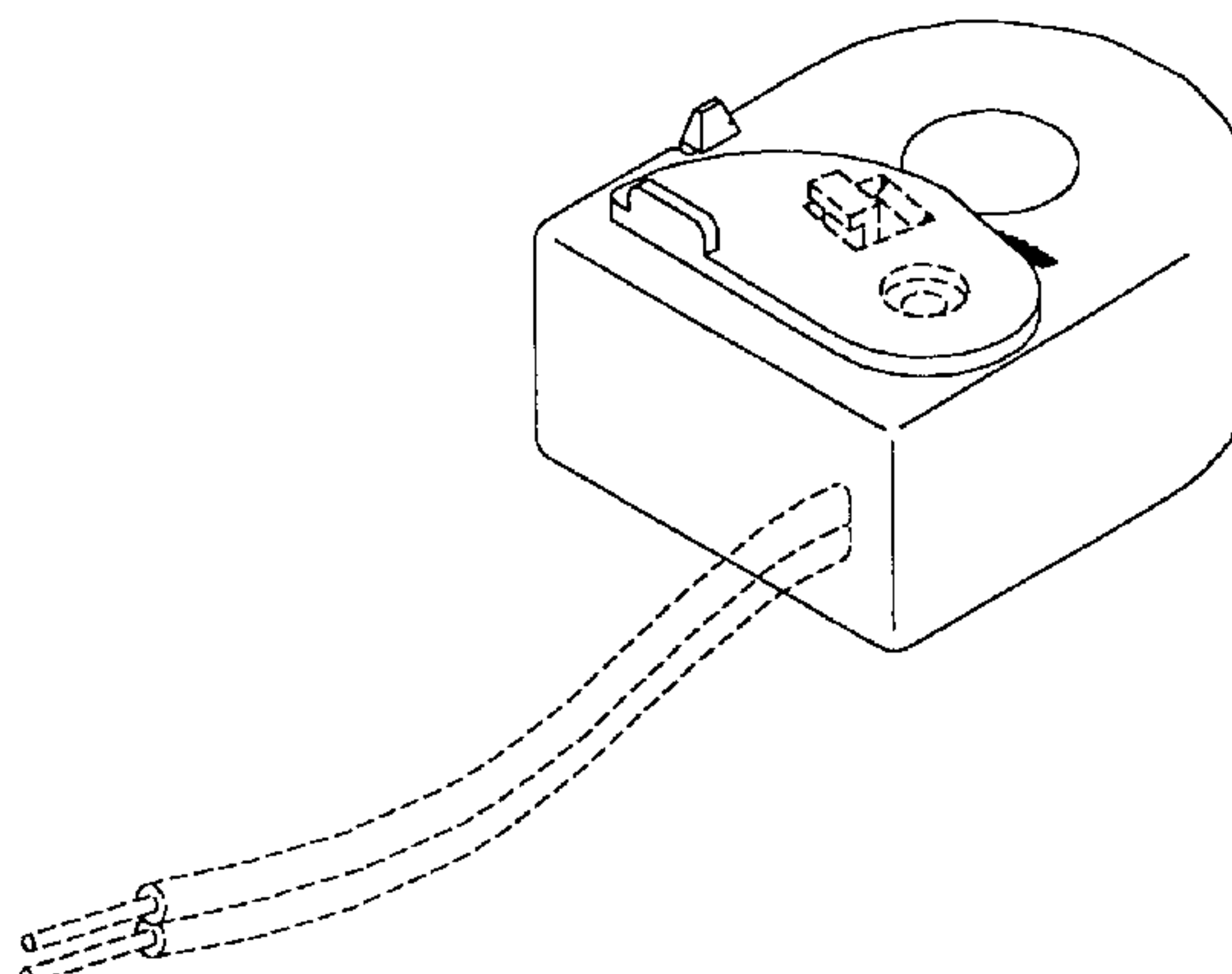
FIG. 26 is a side view of the electrical current sensor from the top of FIG. 22.

FIG. 27 is a side view of the electrical current sensor from the top of FIG. 22; and,

FIG. 28 is a bottom plan view of the electrical current sensor of FIG. 22.

The broken-line elements in each of the Figures are for illustrative purposes only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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D472,877 S	4/2003	Jaag	
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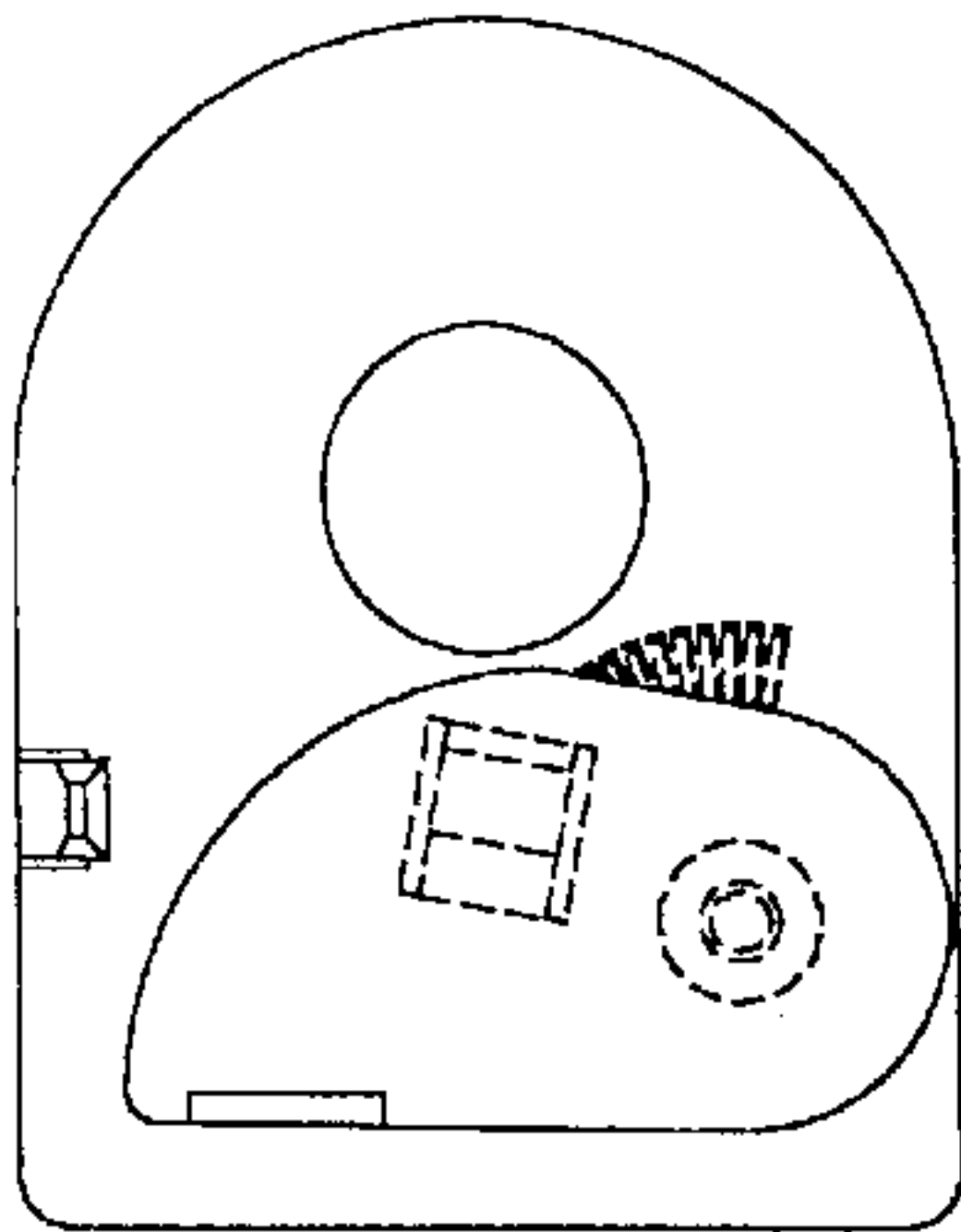


FIG. 2

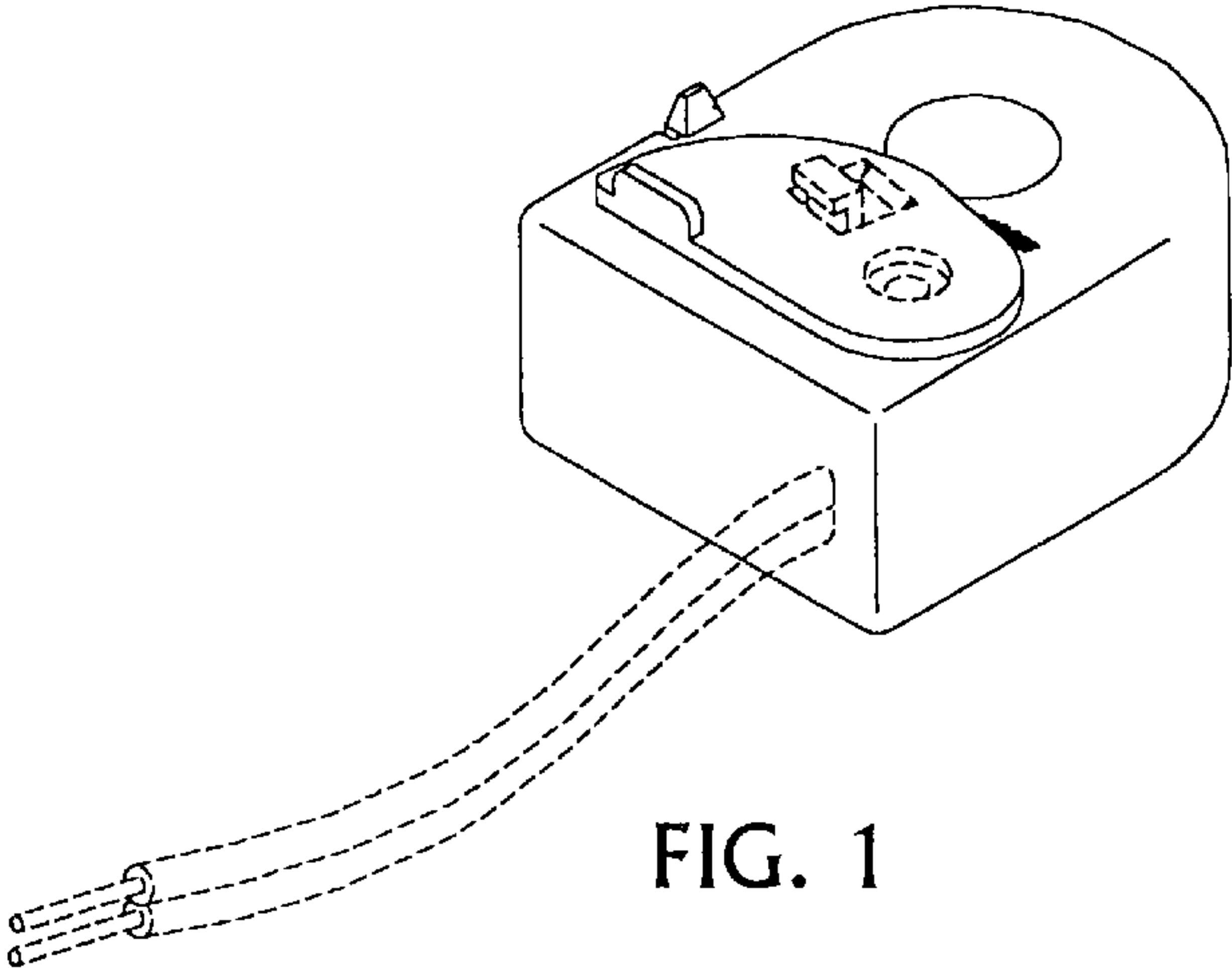


FIG. 1

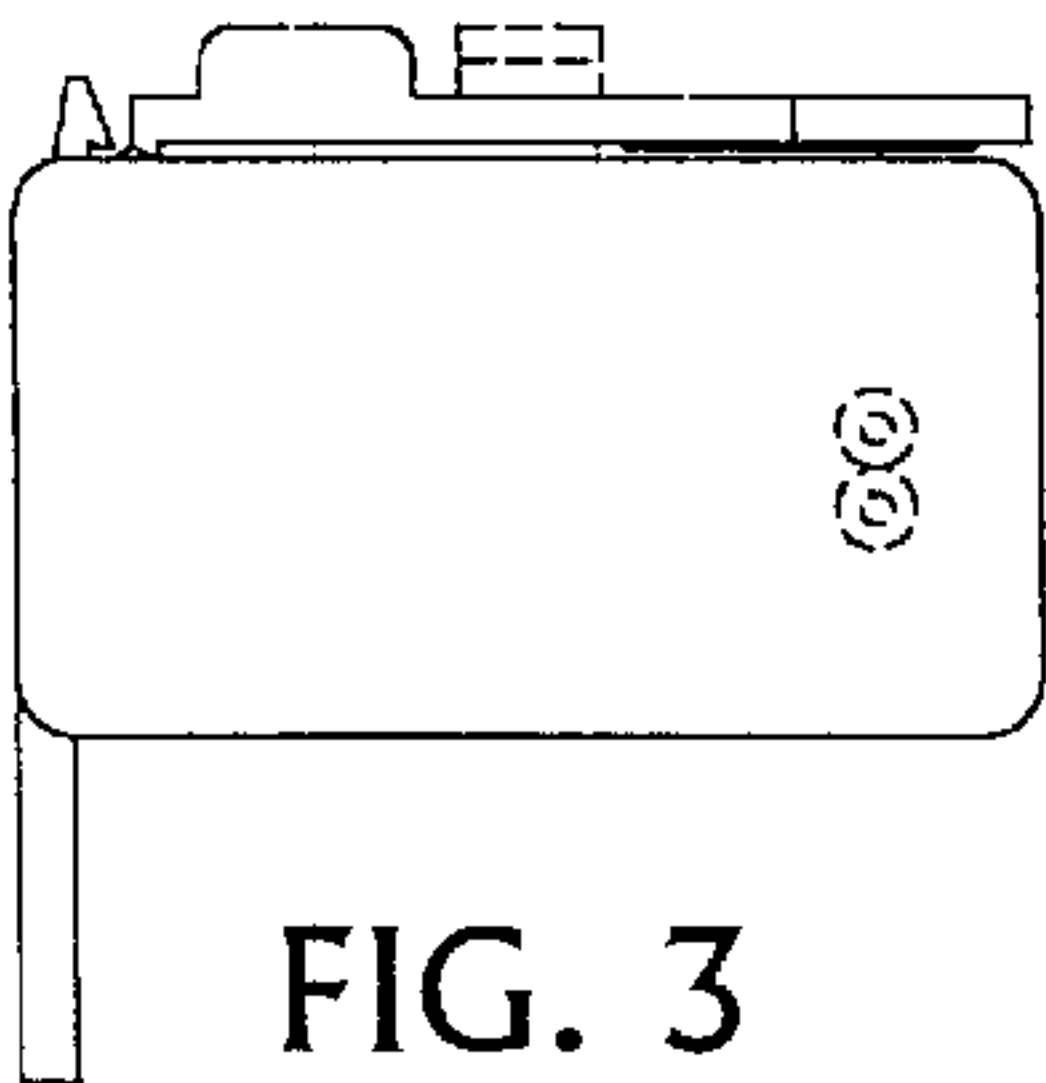


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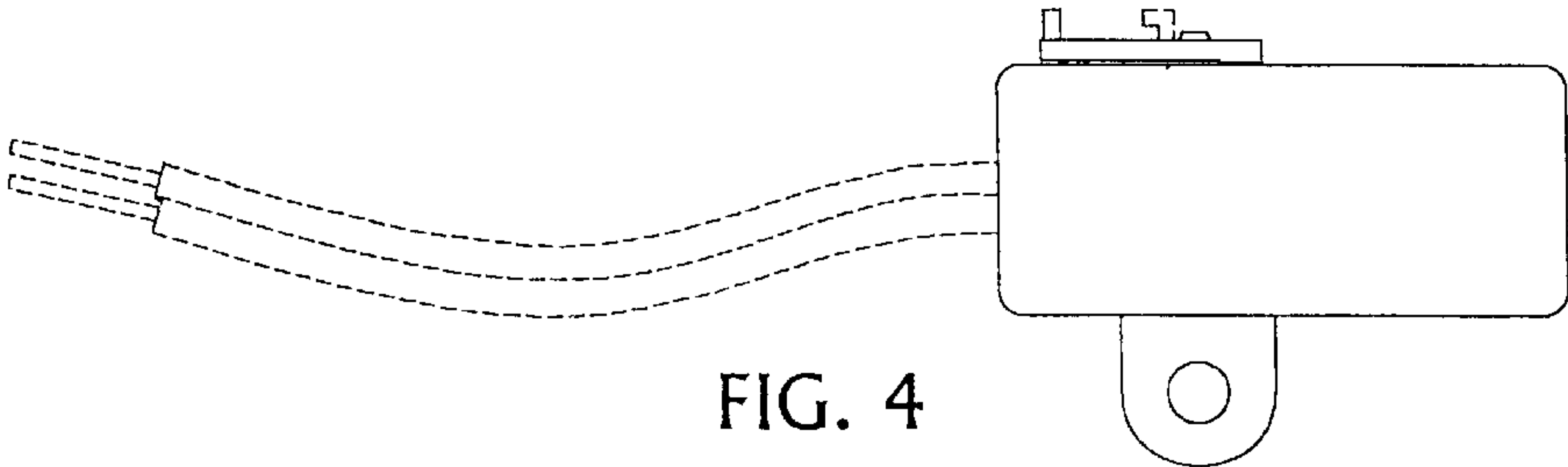


FIG. 4

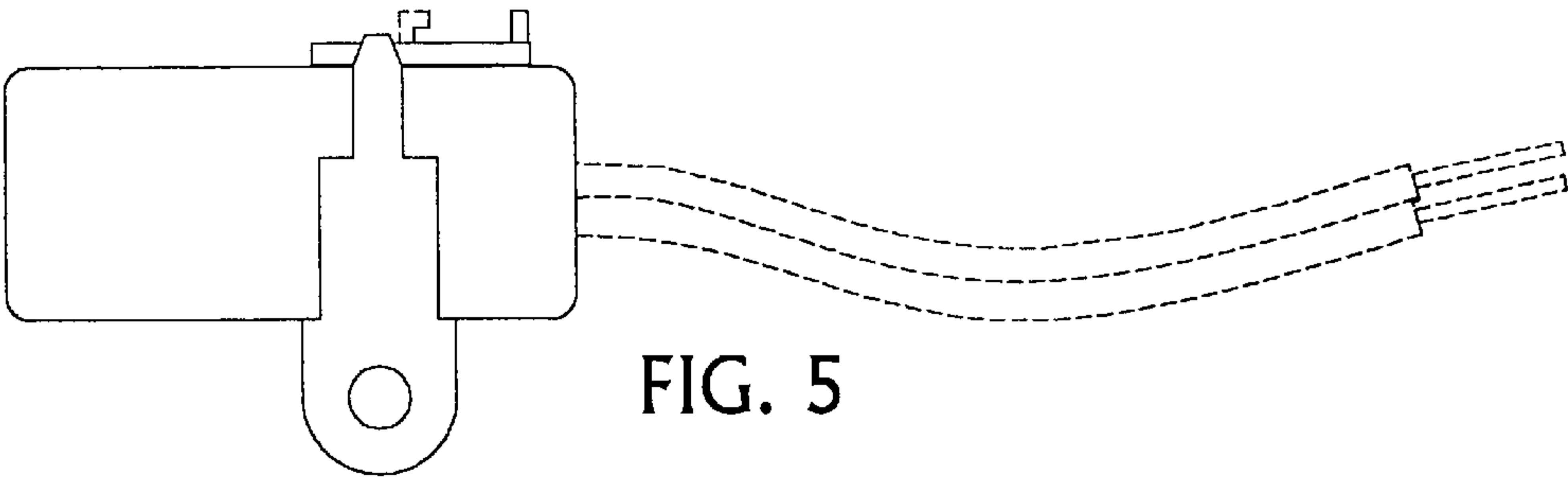


FIG. 5

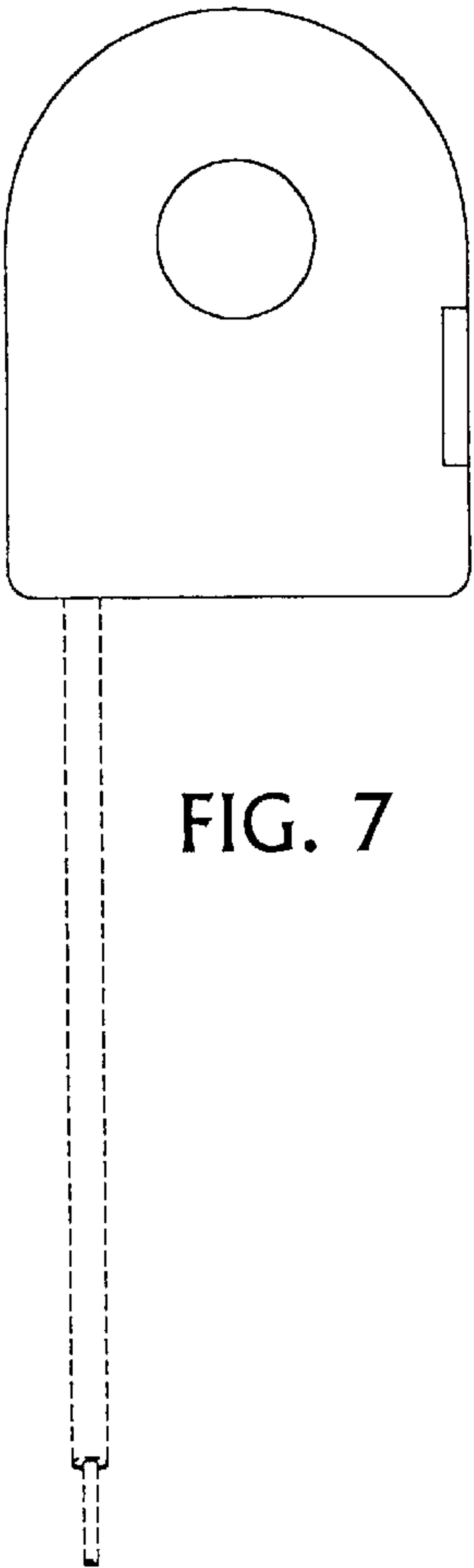


FIG. 7

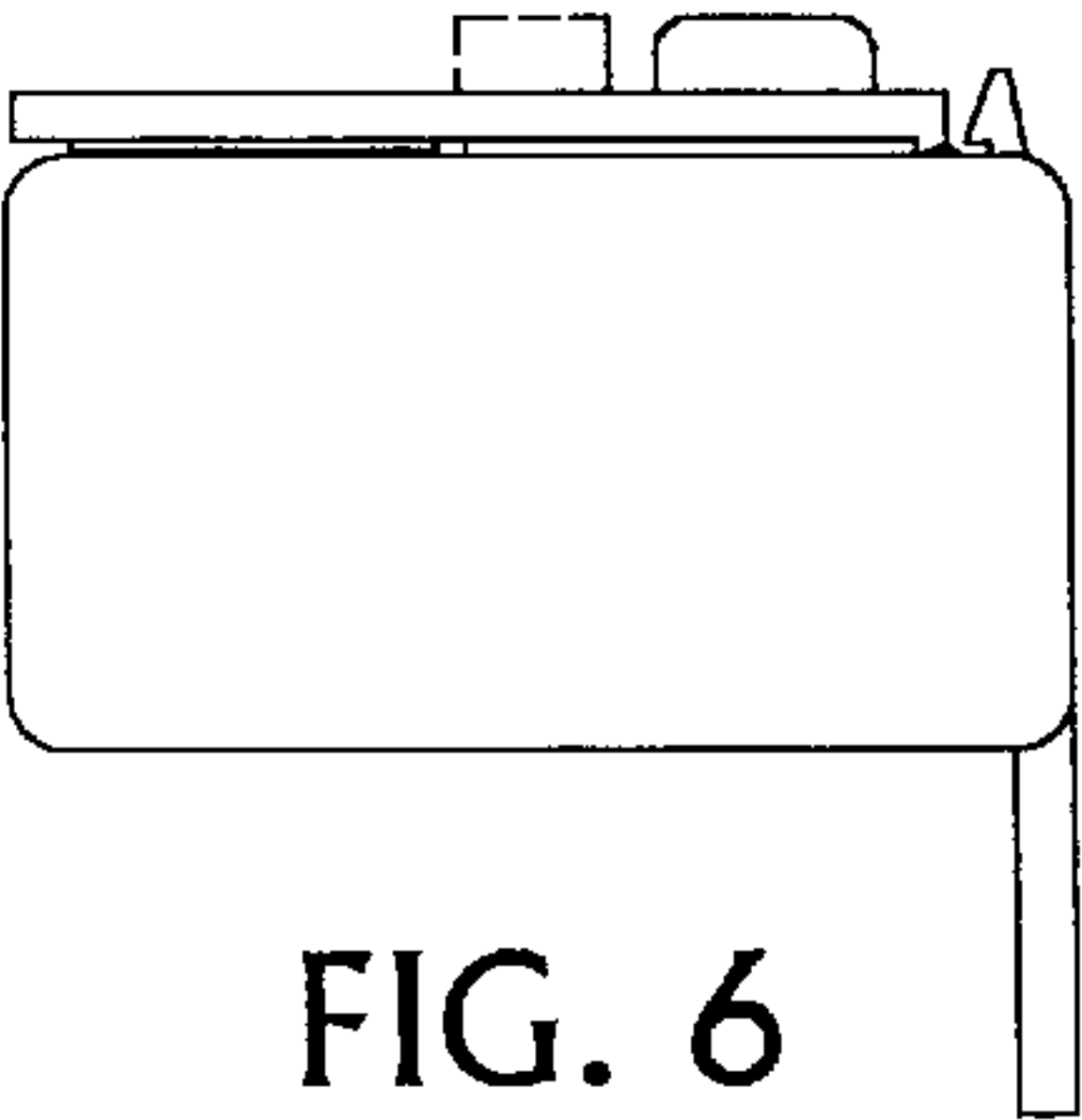


FIG. 6

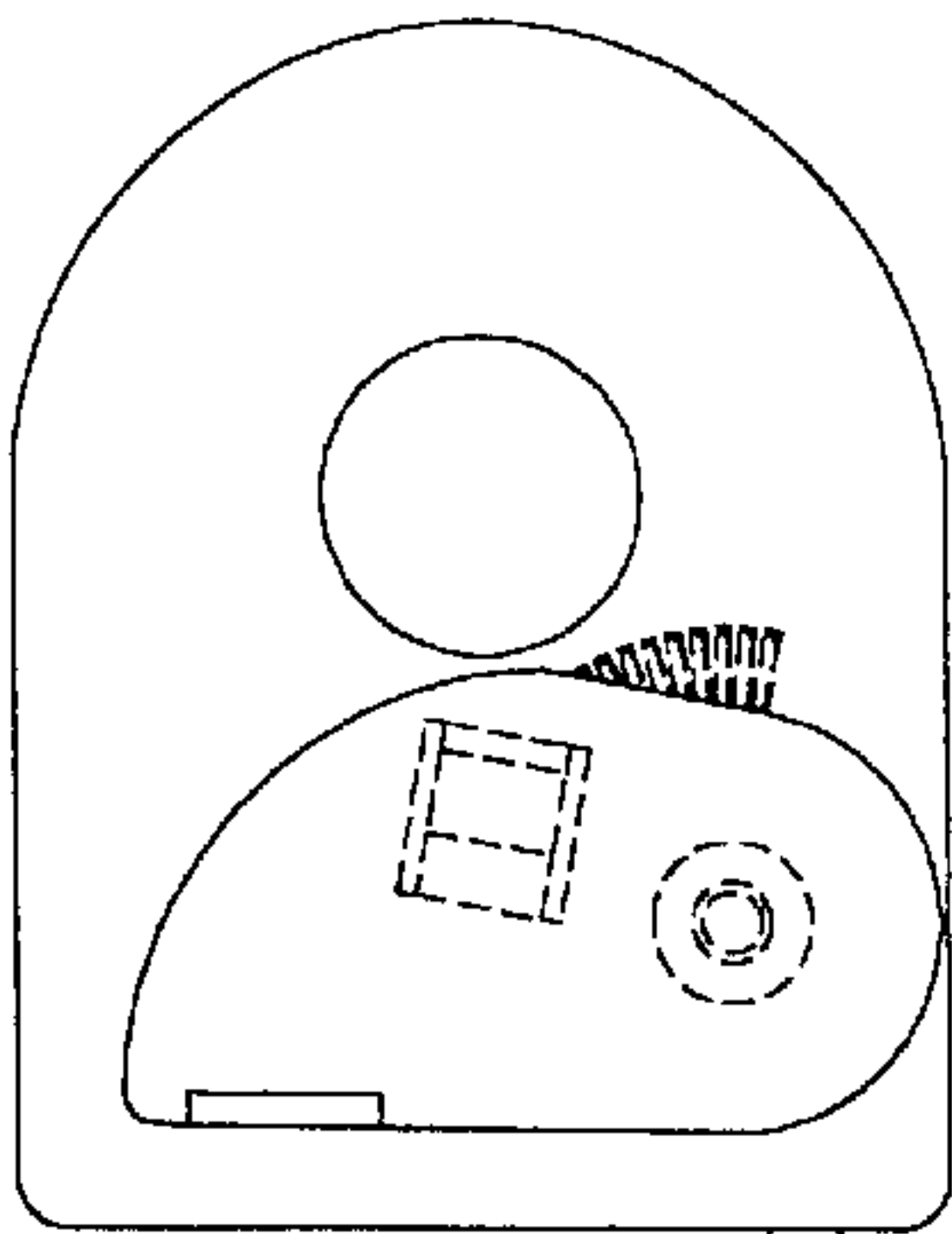


FIG. 9

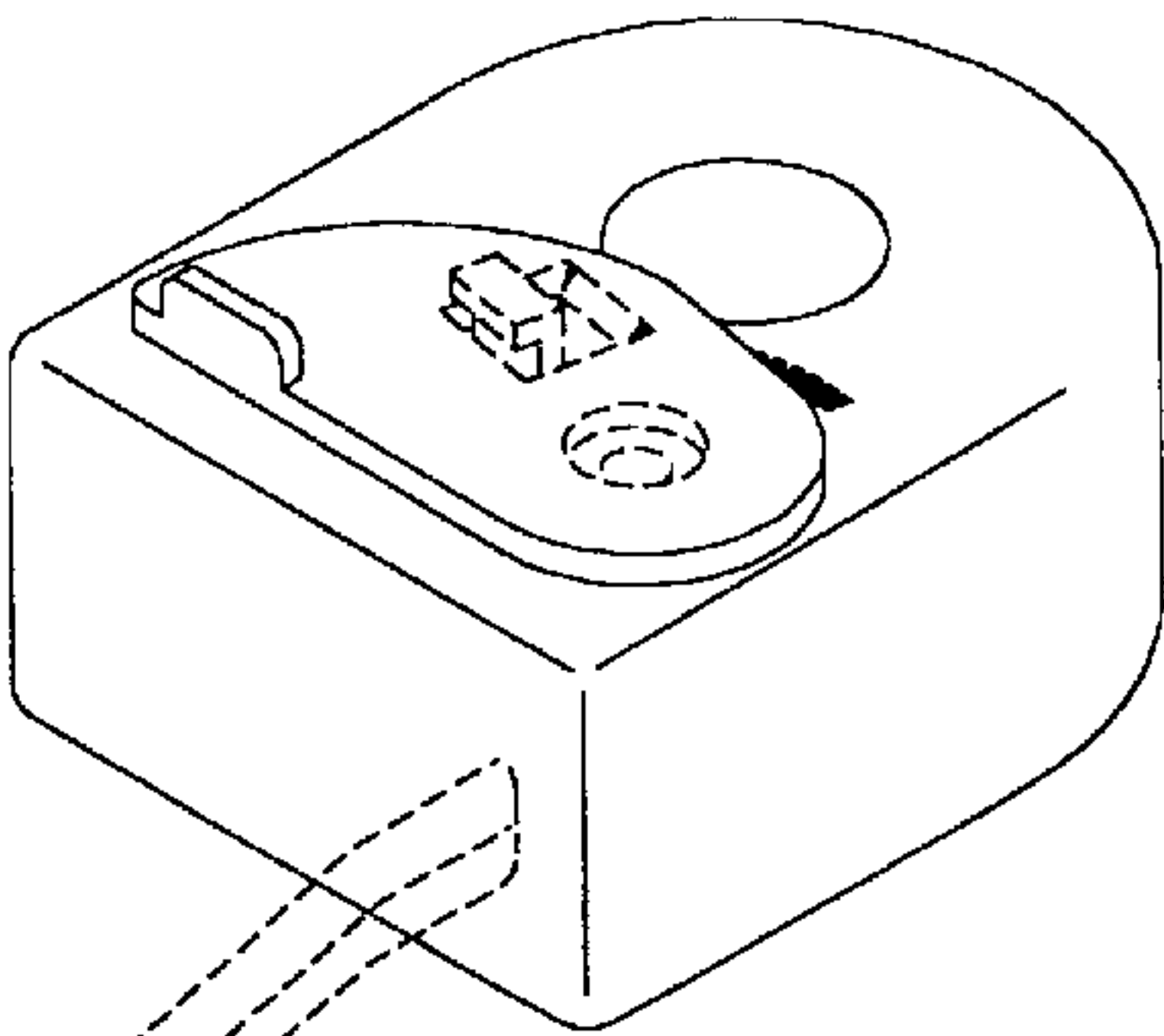


FIG. 8

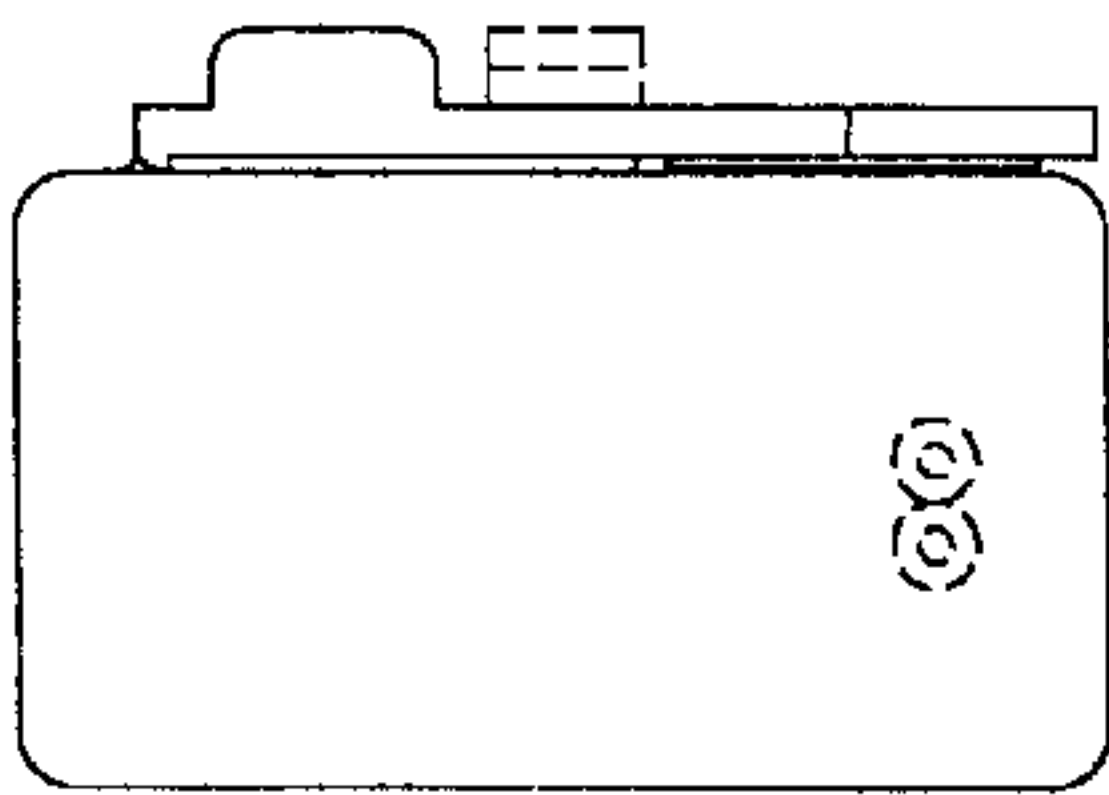


FIG. 10

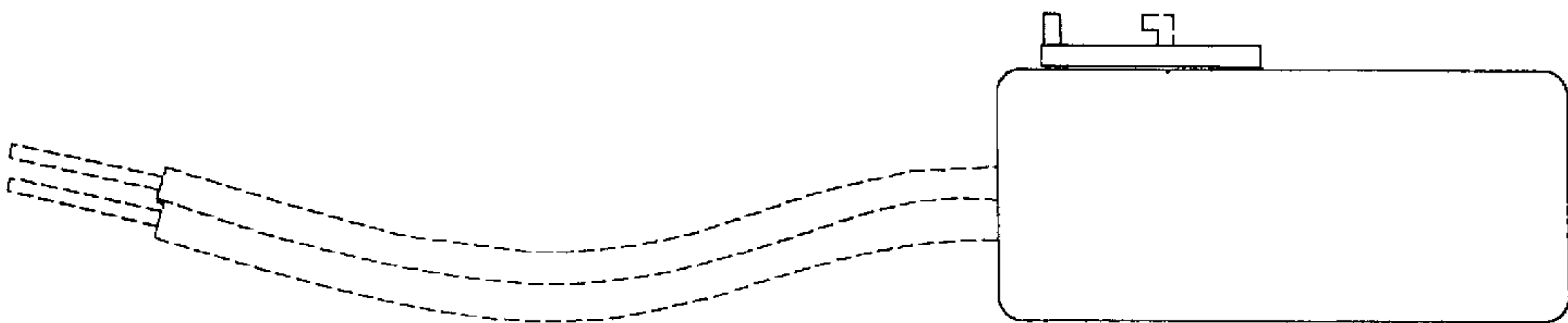


FIG. 11

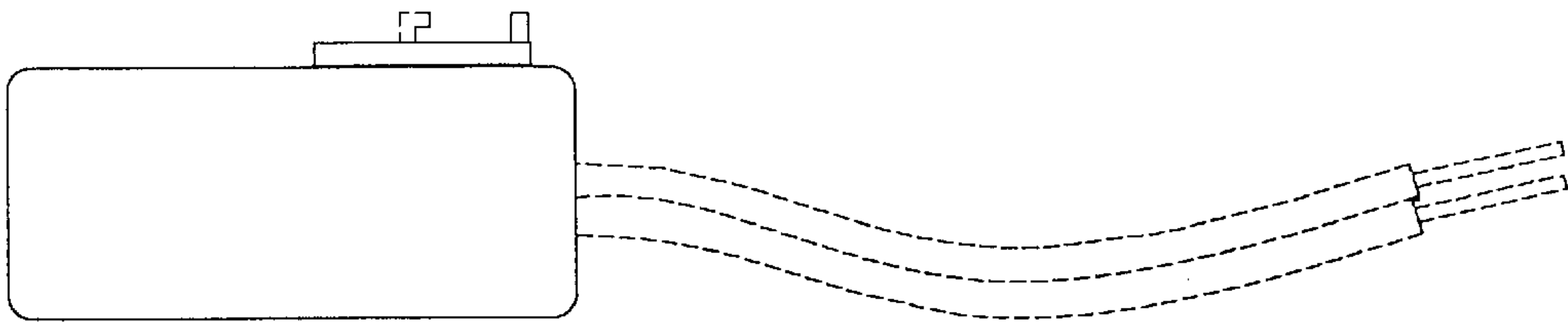


FIG. 12

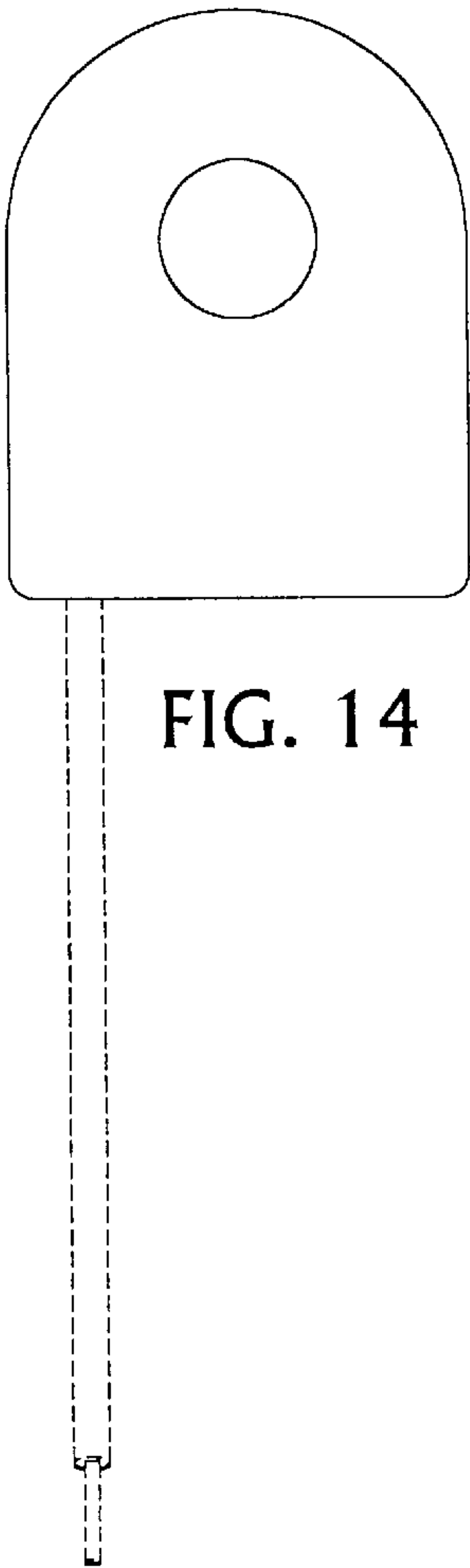


FIG. 14

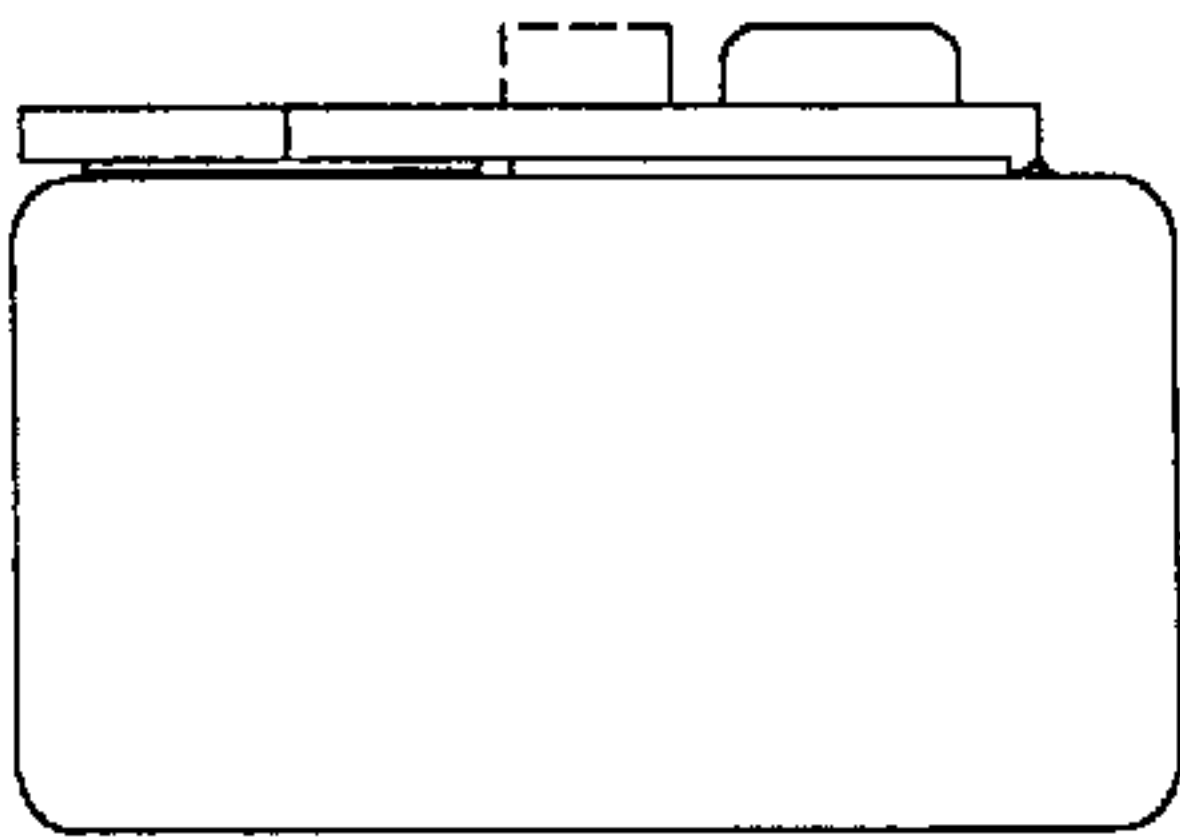


FIG. 13

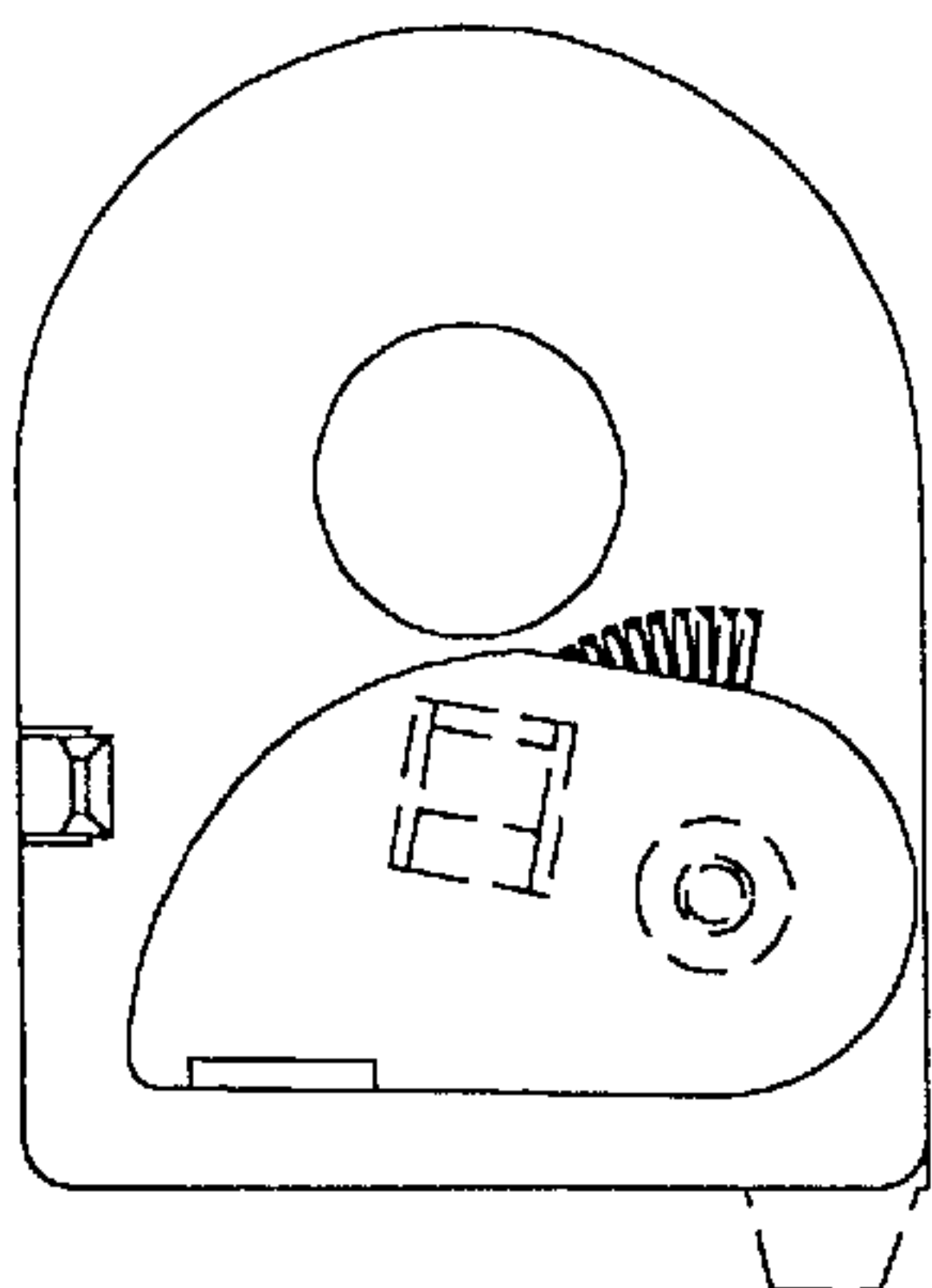


FIG. 16

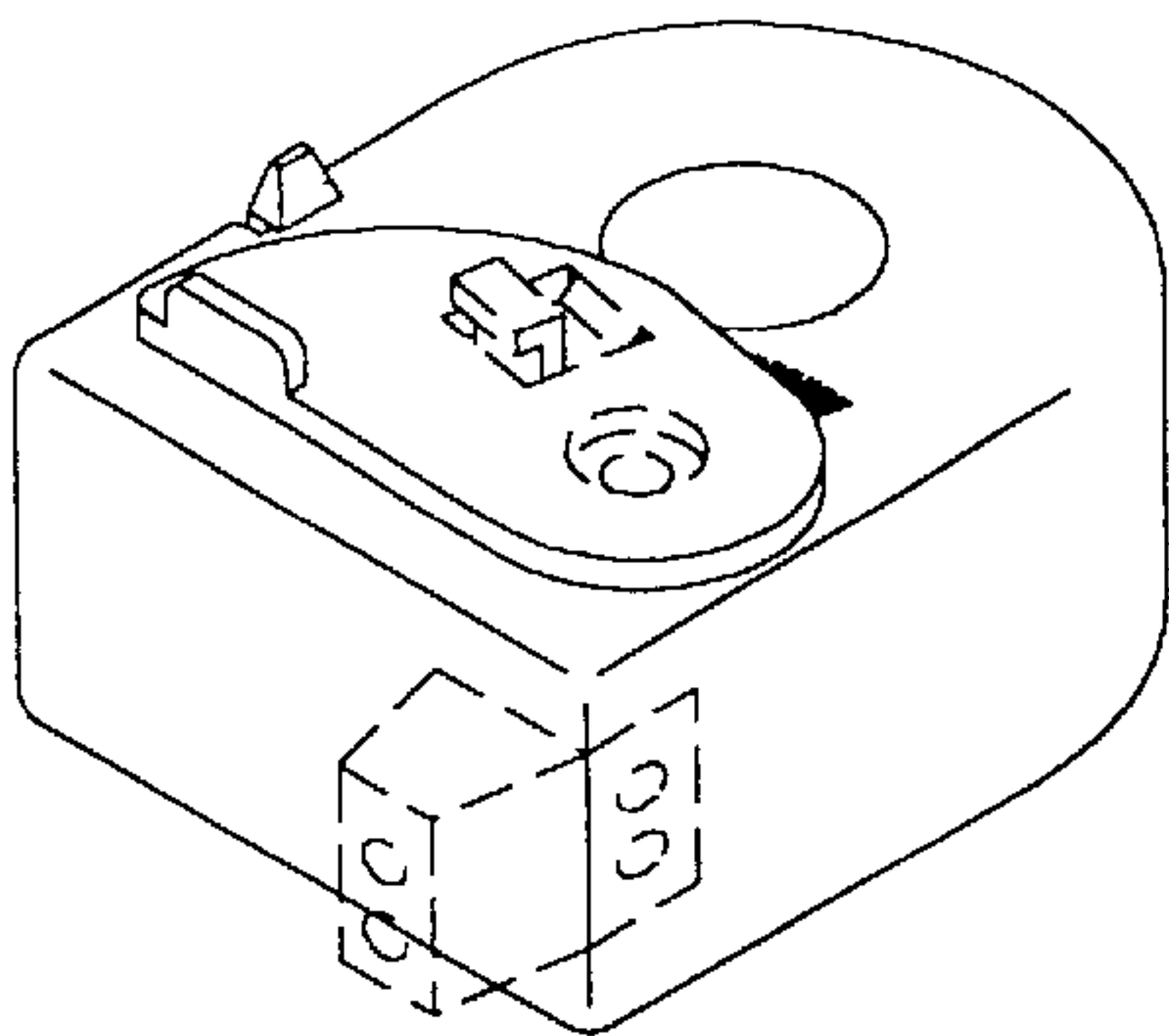


FIG. 15

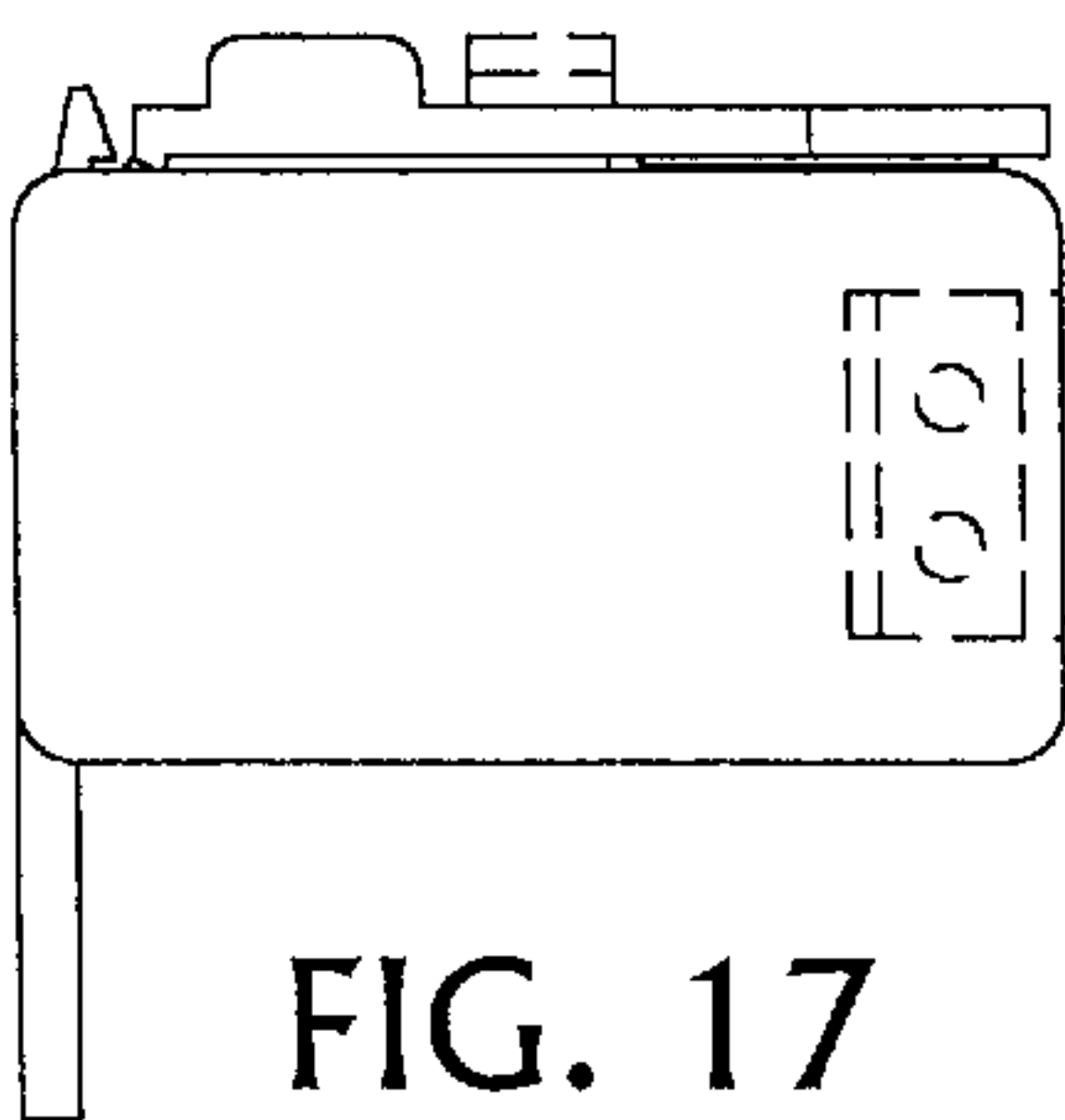


FIG. 17

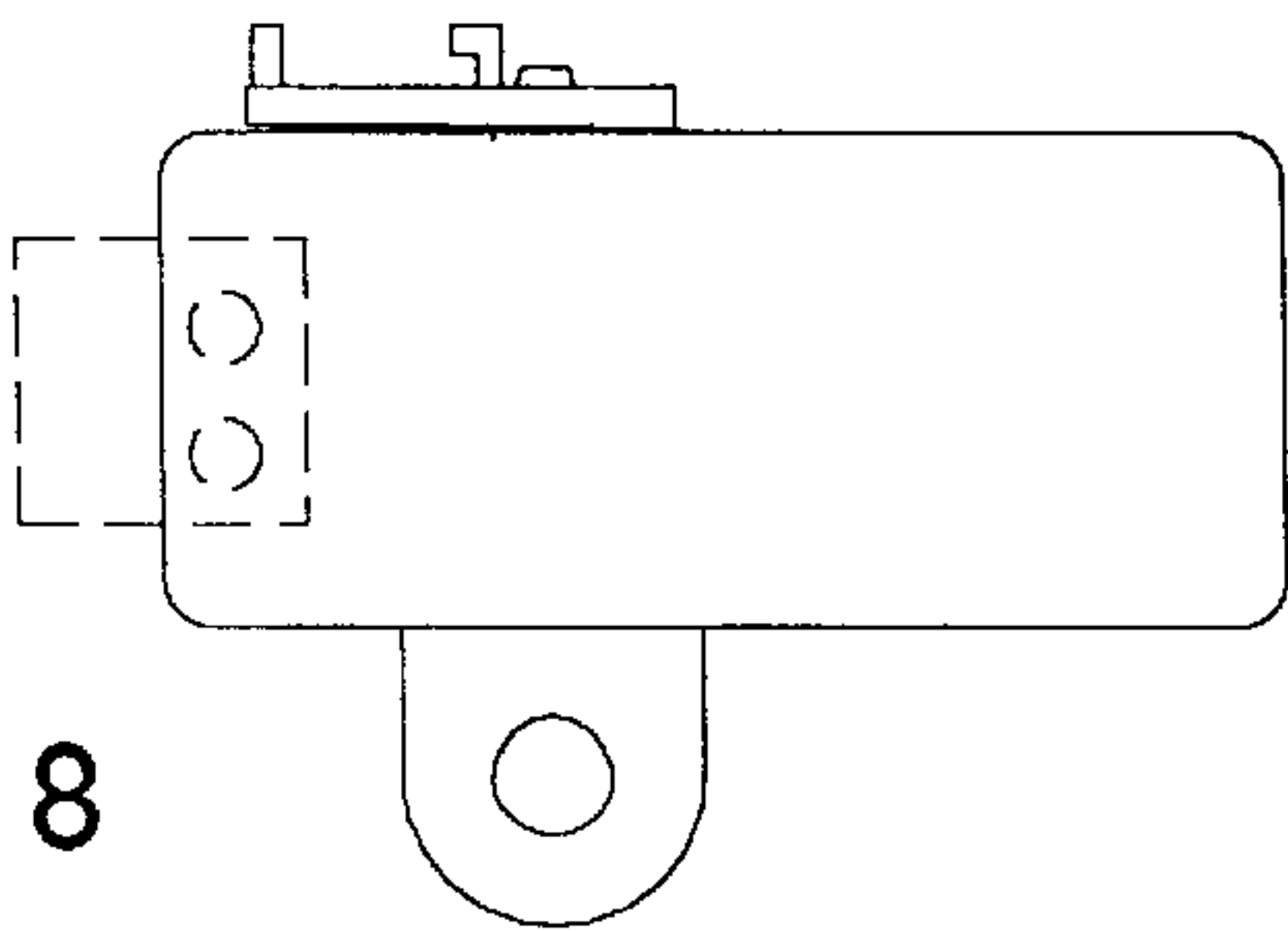


FIG. 18

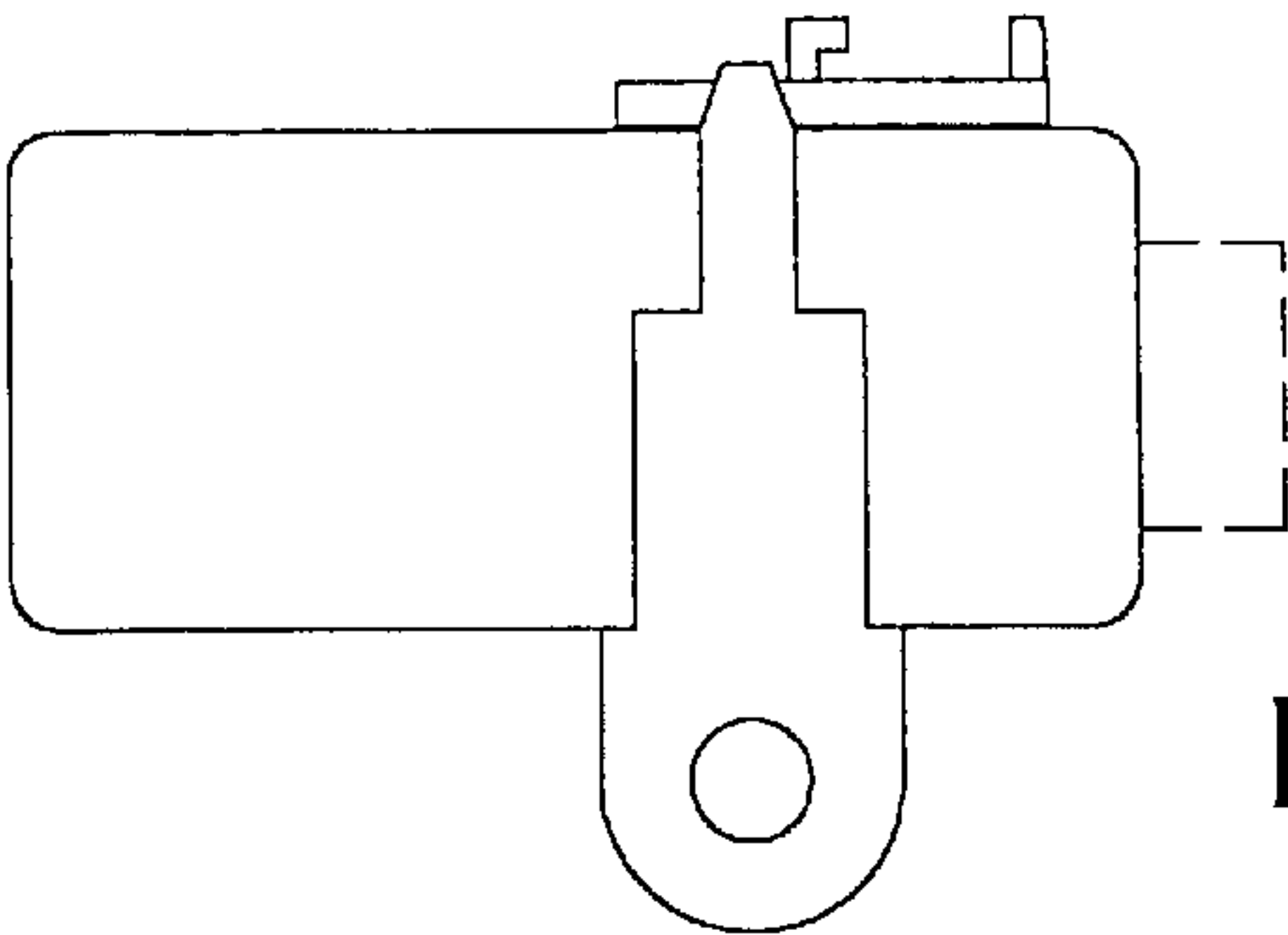


FIG. 19

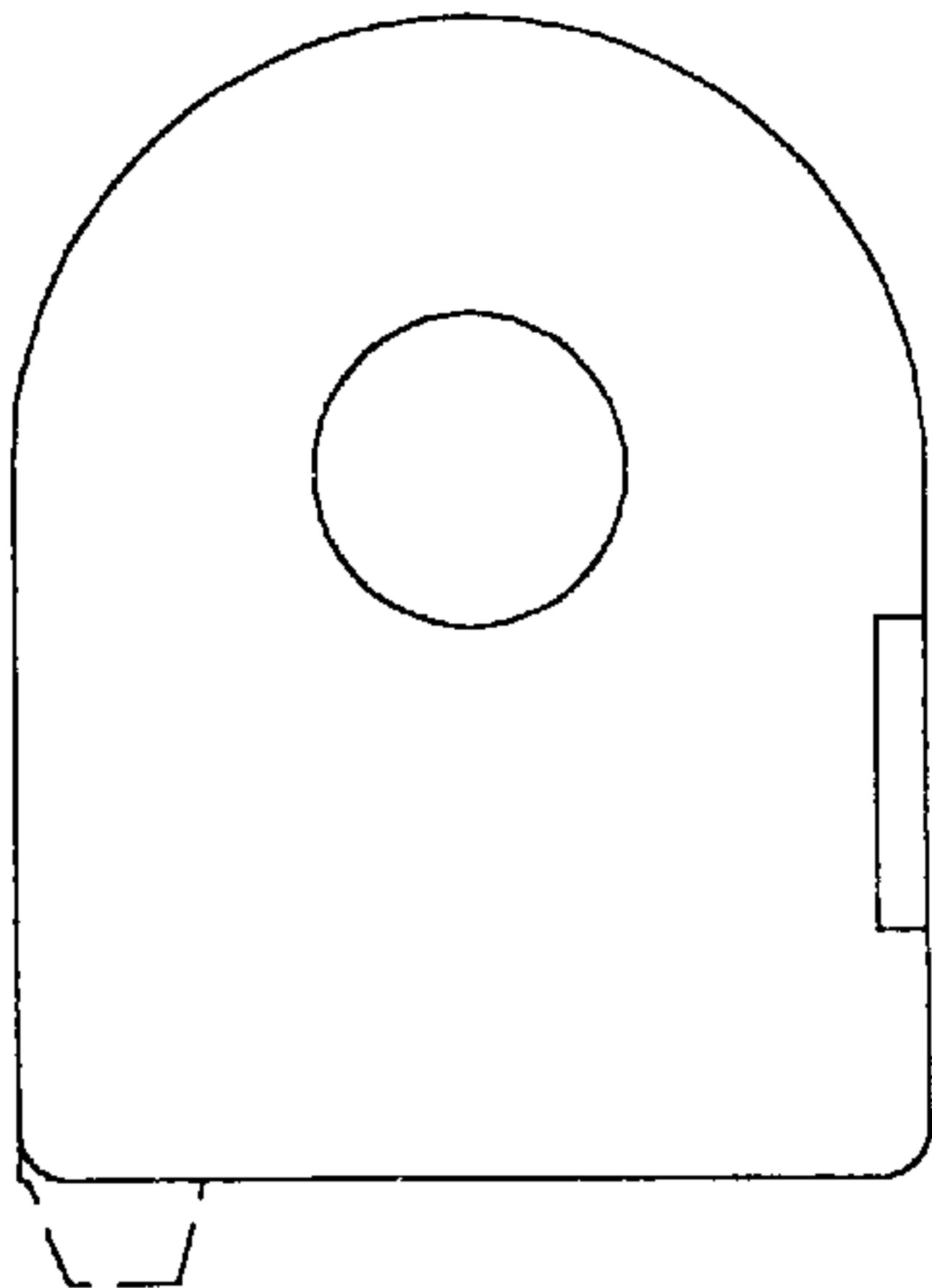


FIG. 21

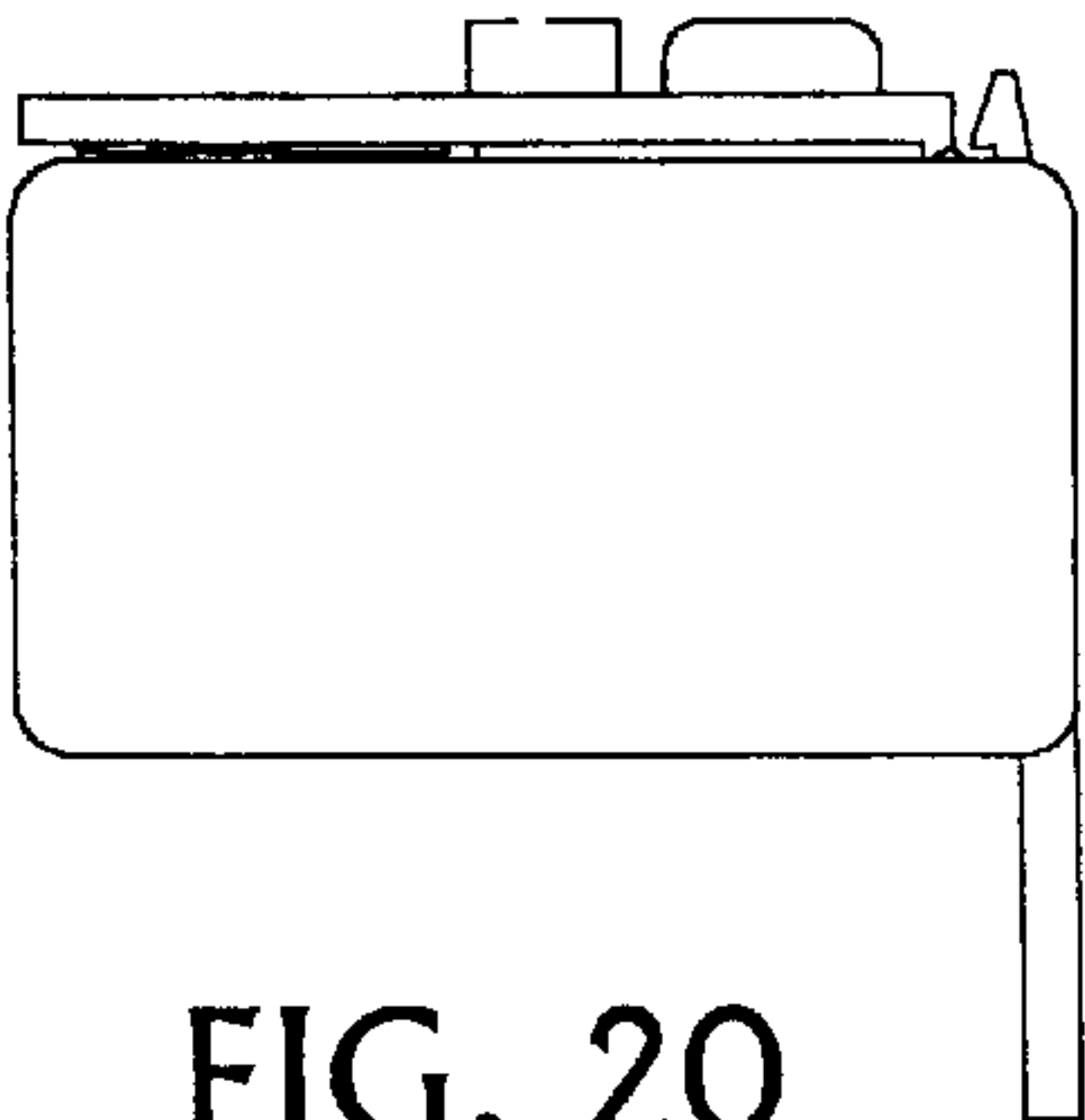


FIG. 20

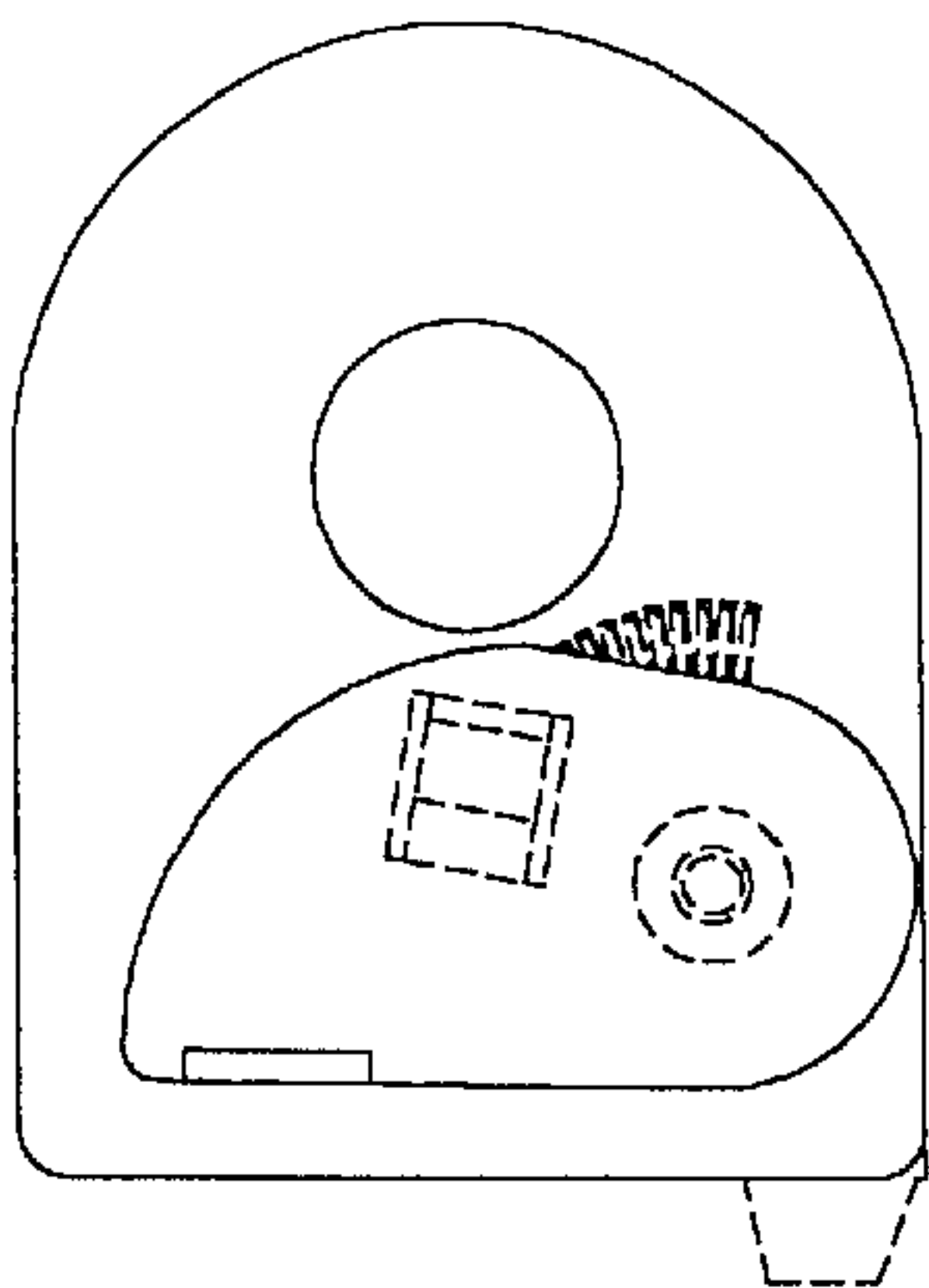


FIG. 23

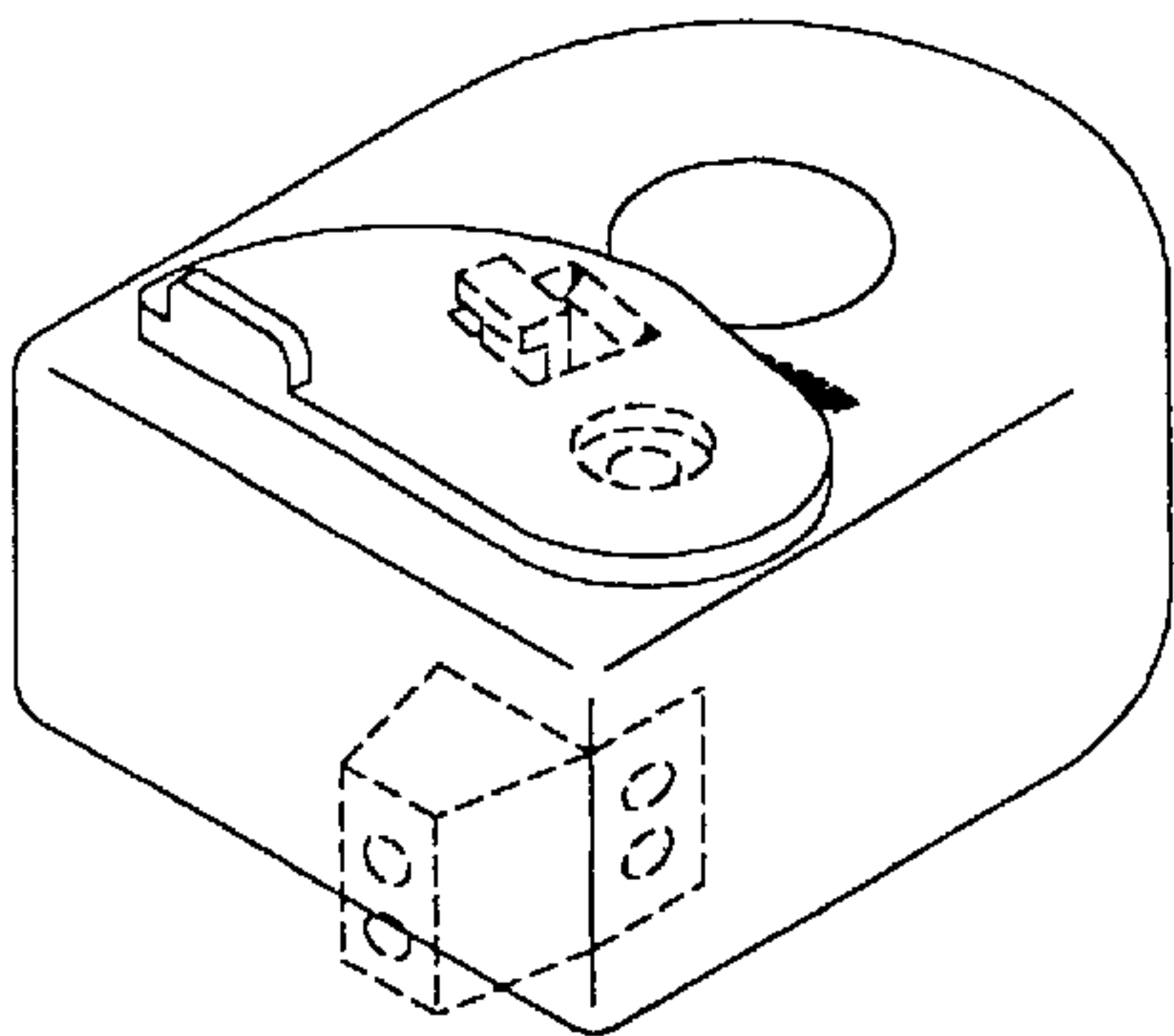


FIG. 22

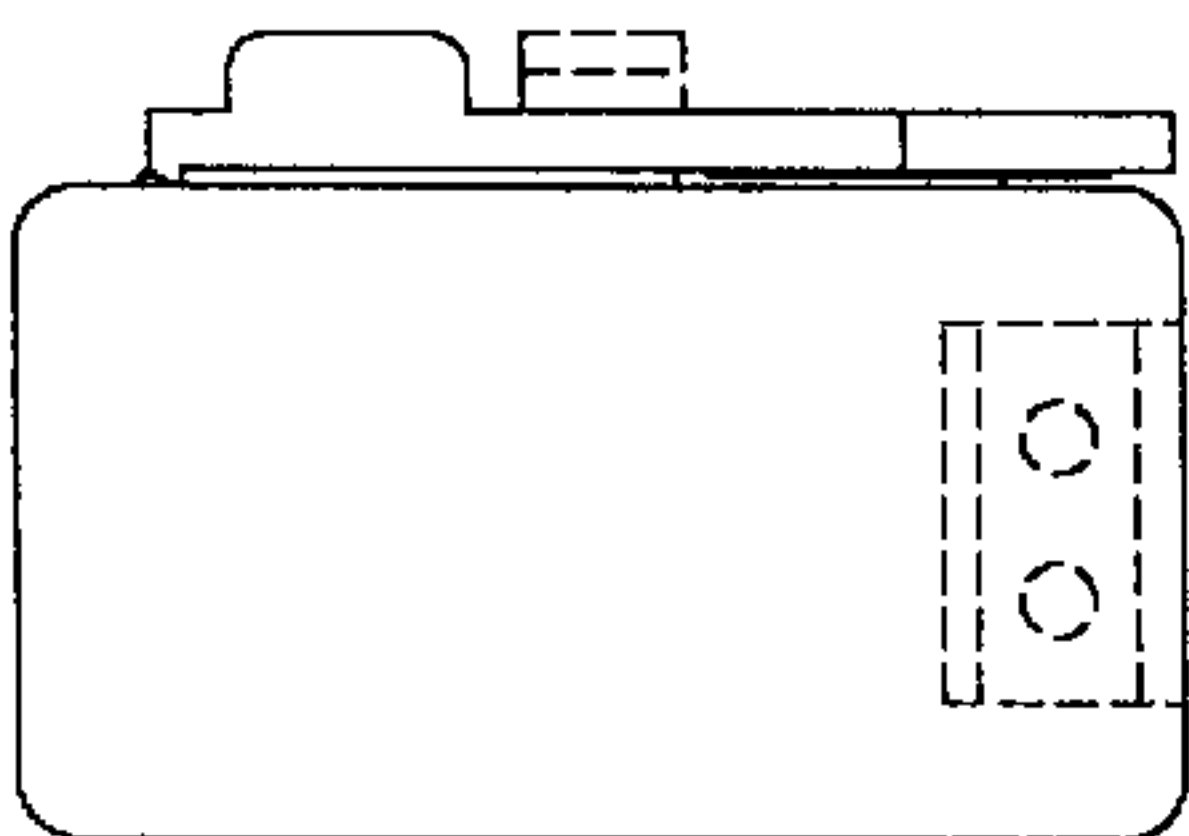


FIG. 24

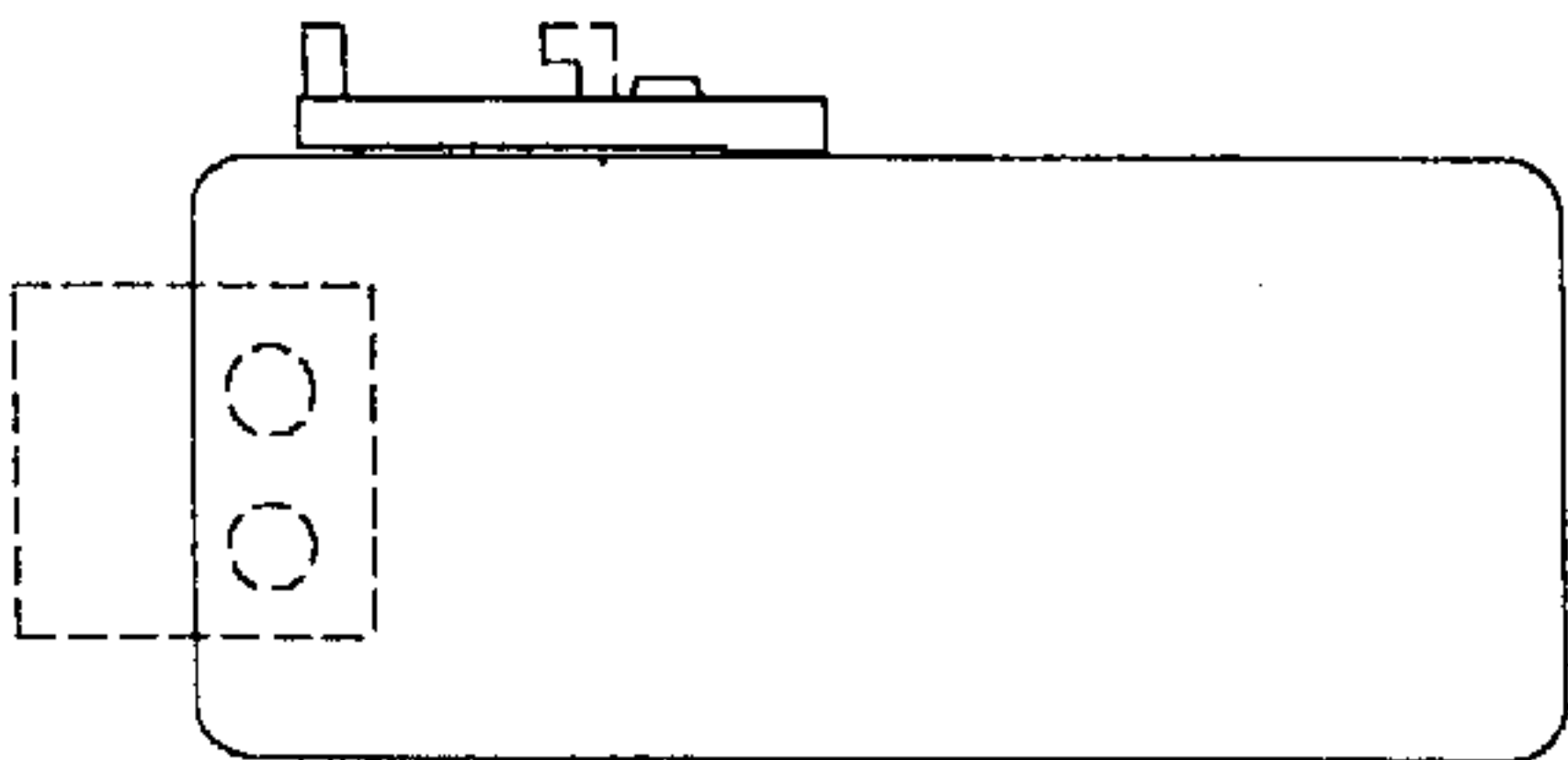


FIG. 25

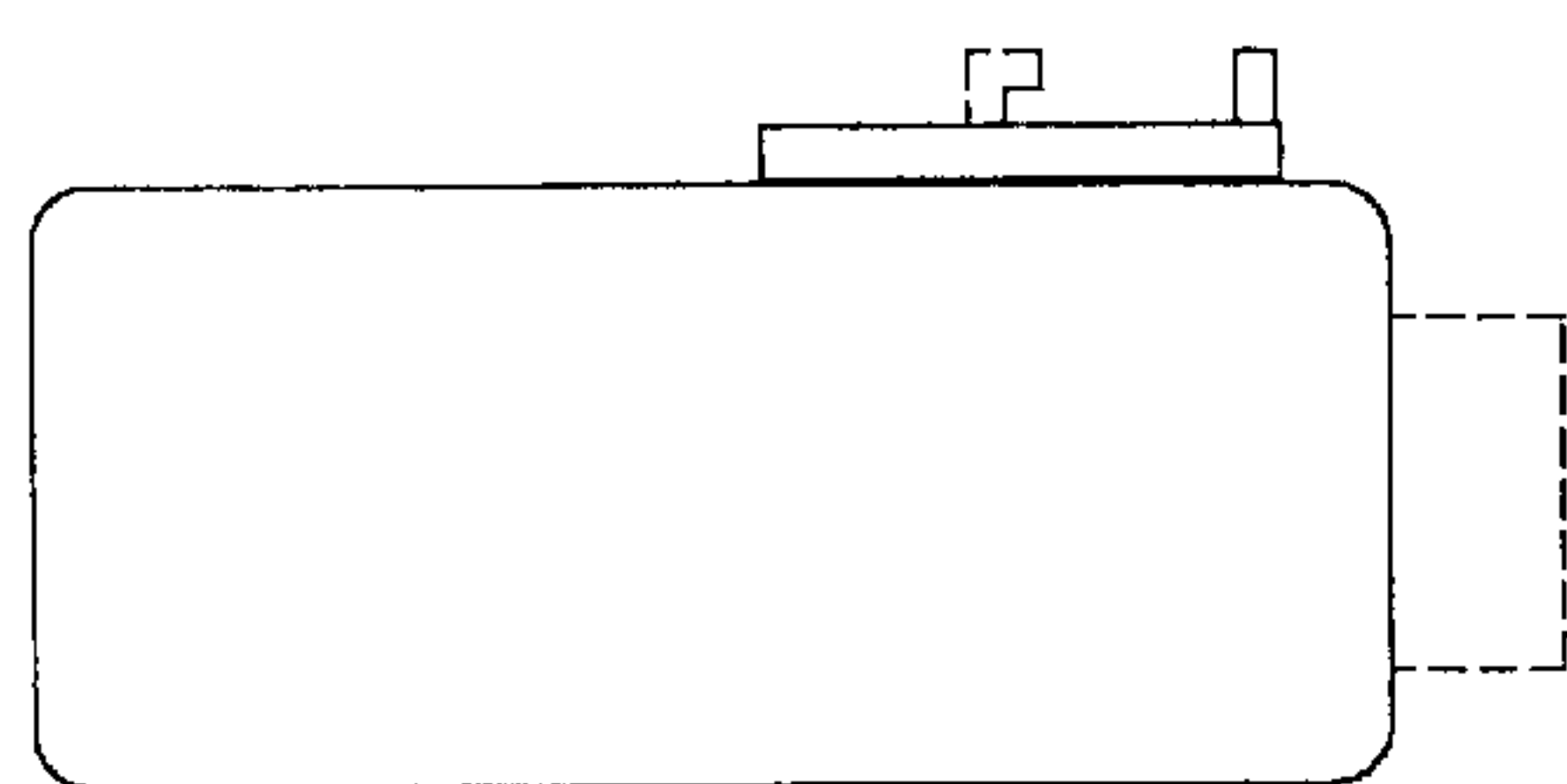


FIG. 26

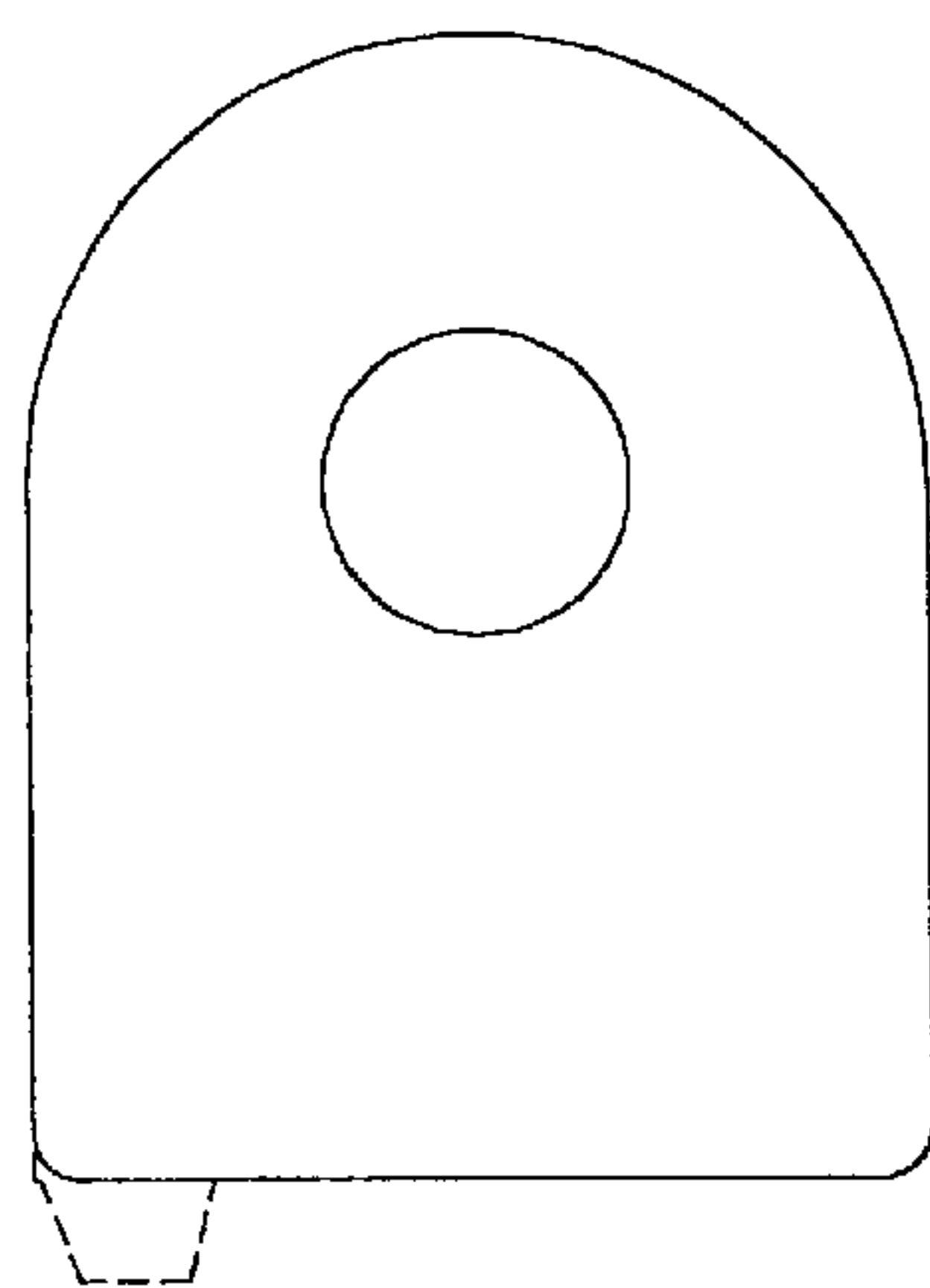


FIG. 28

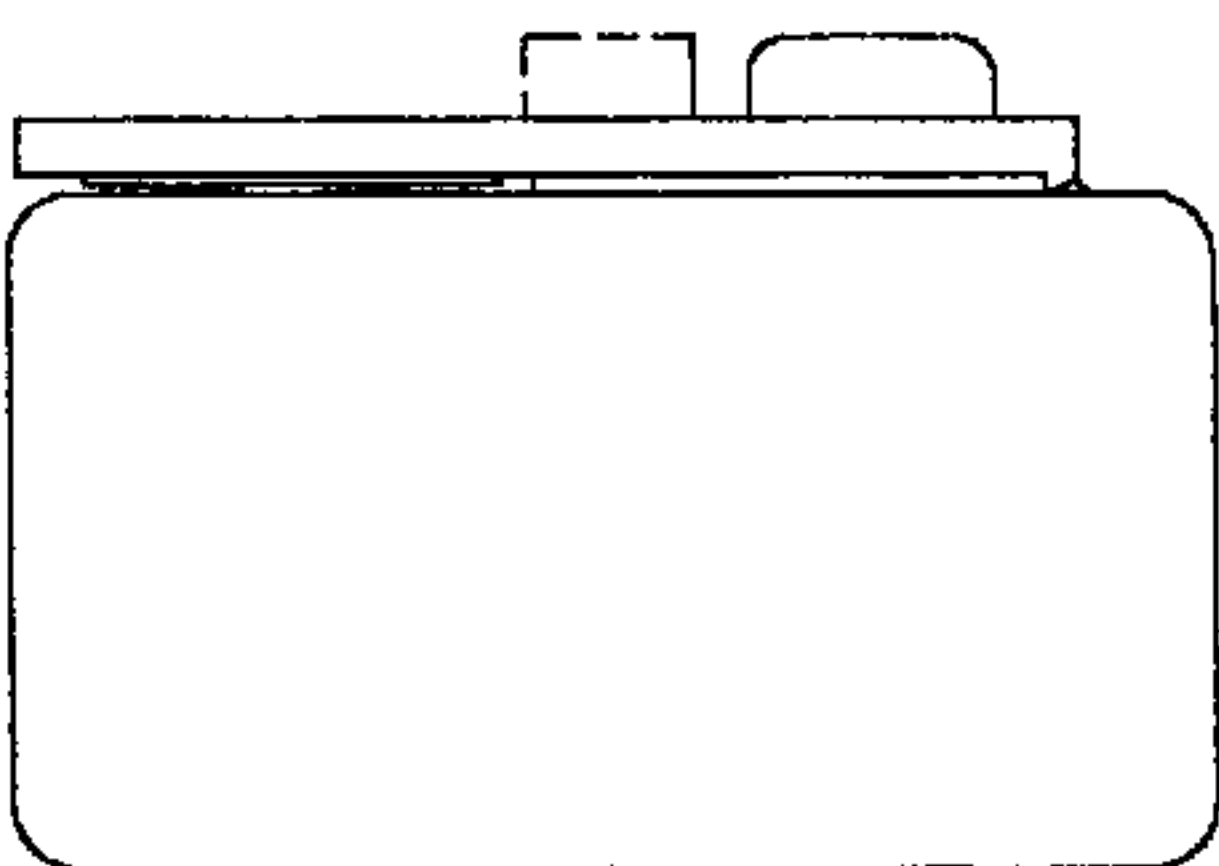


FIG. 27